

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099611.D
 Acq On : 18 Oct 2017 12:22
 Operator : SJ/JU
 Sample : I5907-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-FOUNDATION-COMP

Quant Time: Oct 18 15:31:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

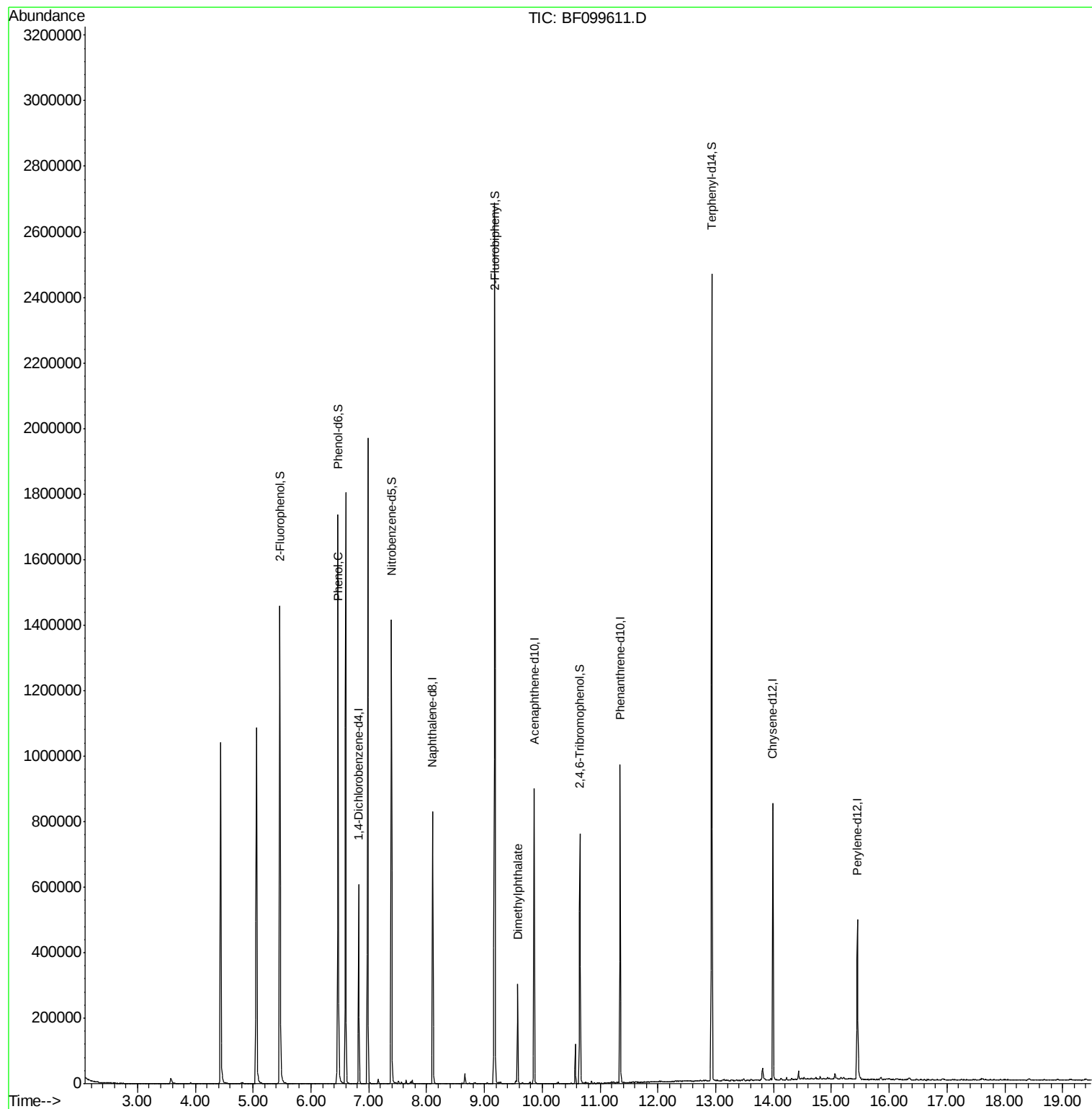
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	102489	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	420757	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	197518	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	362331	20.00	ng	0.00
75) Chrysene-d12	13.99	240	291907	20.00	ng	0.00
86) Perylene-d12	15.45	264	216504	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	456869	70.96	ng	0.01
7) Phenol-d6	6.47	99	712036	89.65	ng	-0.01
23) Nitrobenzene-d5	7.39	82	487298	74.27	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	84046	52.00	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	950170	80.31	ng	0.00
78) Terphenyl-d14	12.93	244	860480	67.04	ng	0.00
Target Compounds						
10) Phenol	6.48	94	18340	2.065	ng	92
49) Dimethylphthalate	9.57	163	127576	8.558	ng	99

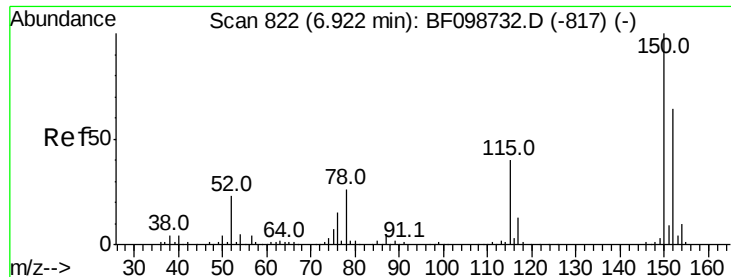
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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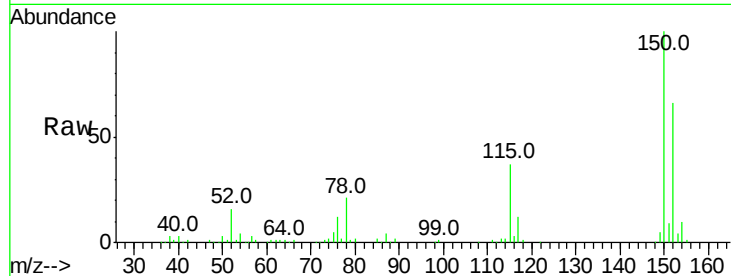


#1

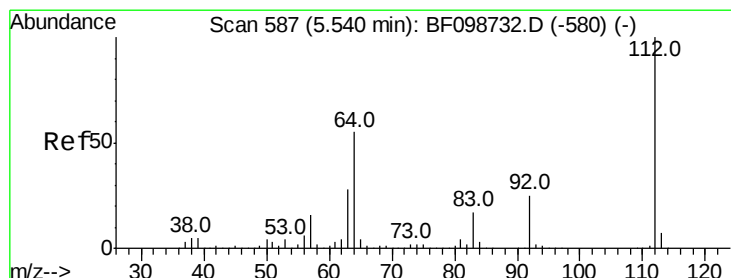
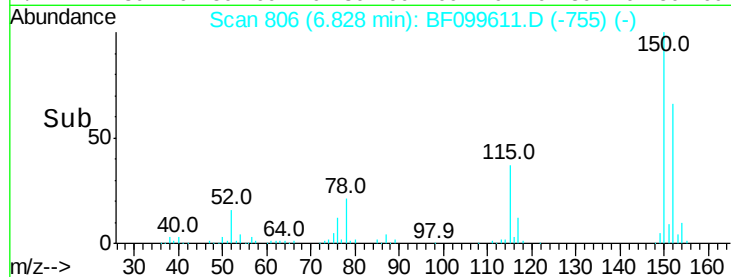
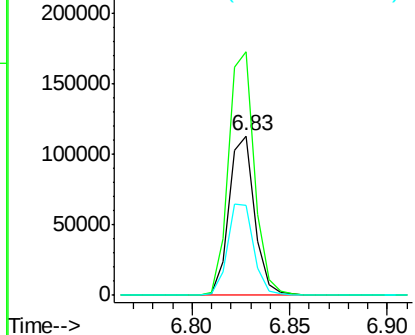
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099611.D
Acq: 18 Oct 2017 12:22

Instrument :
BNA_F
ClientSampleId :
CONCRETE-FOUNDATION-COMP

Tot Ion:152 Resp: 102489
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 56.4 50.1 75.1



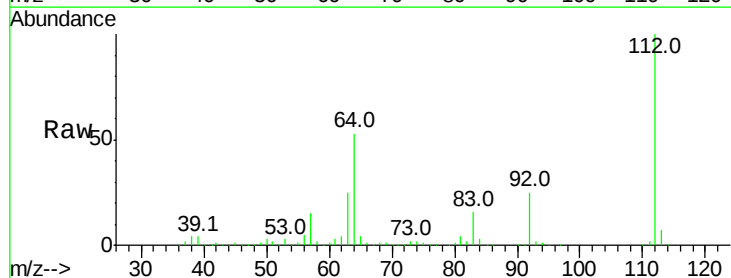
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



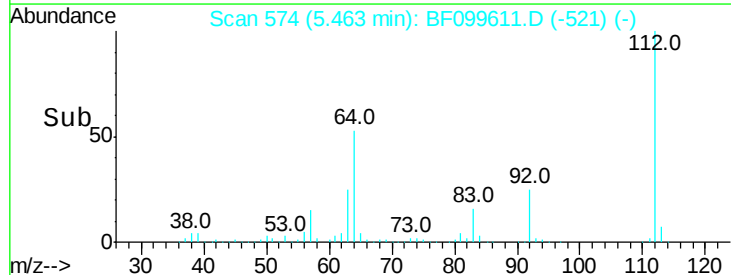
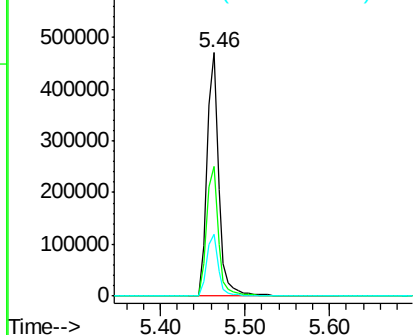
#5

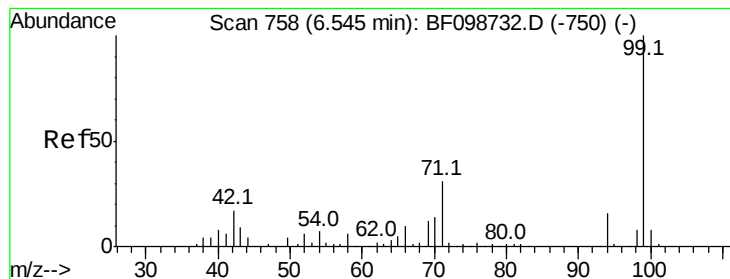
2-Fluorophenol
Concen: 70.963 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF099611.D
Acq: 18 Oct 2017 12:22

Tgt Ion:112 Resp: 456869
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 25.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.652 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099611.D

Acq: 18 Oct 2017 12:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-FOUNDATION-COMP

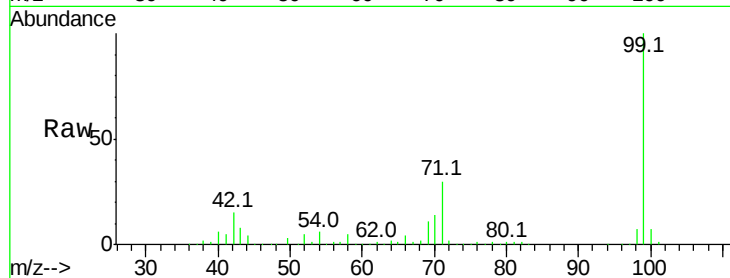
Tot Ion: 99 Resp: 712036

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

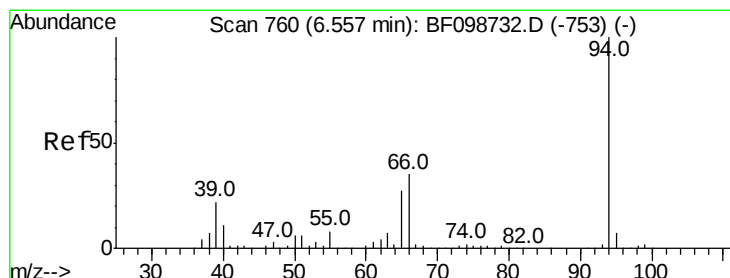
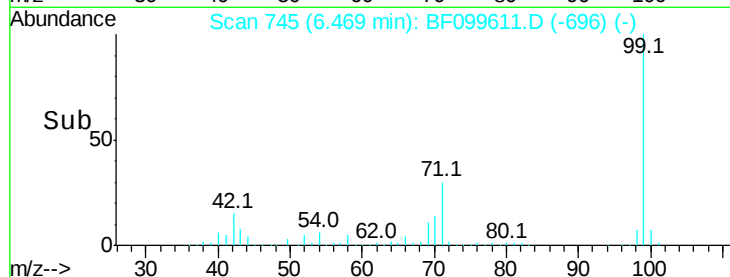
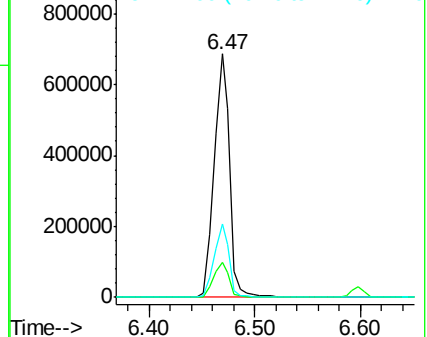
71 30.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.065 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099611.D

Acq: 18 Oct 2017 12:22

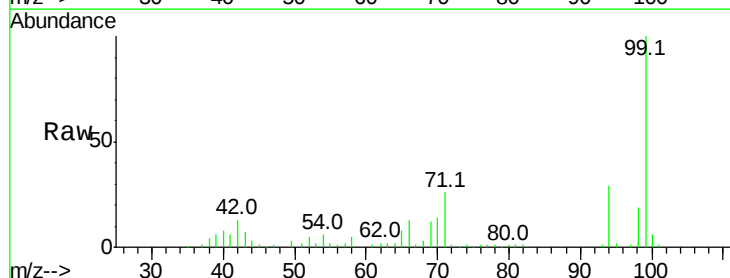
Tgt Ion: 94 Resp: 18340

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

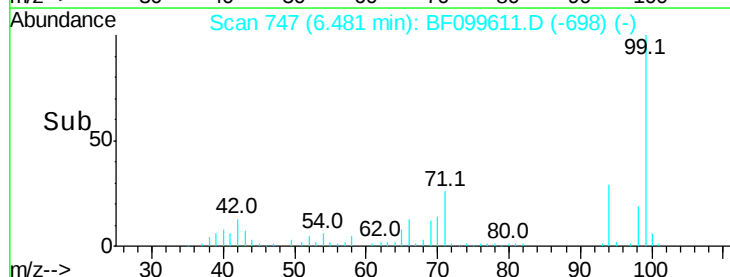
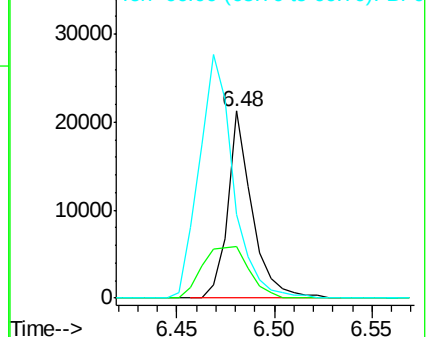
66 44.5 16.2 56.2

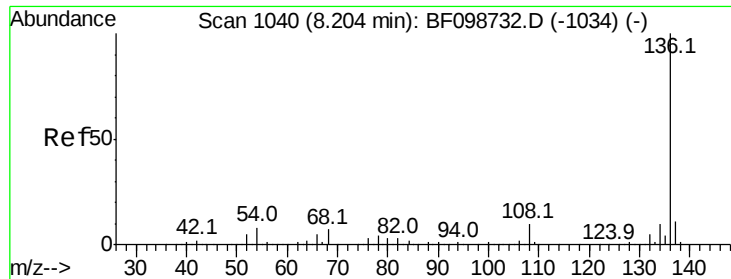


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

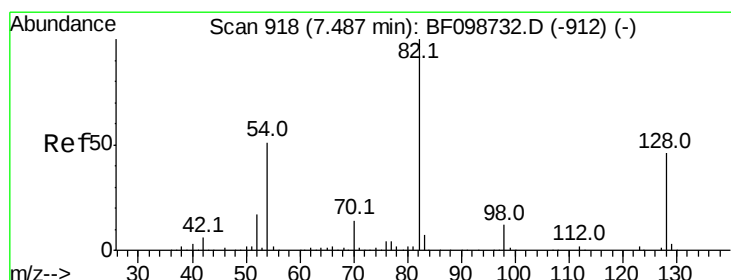
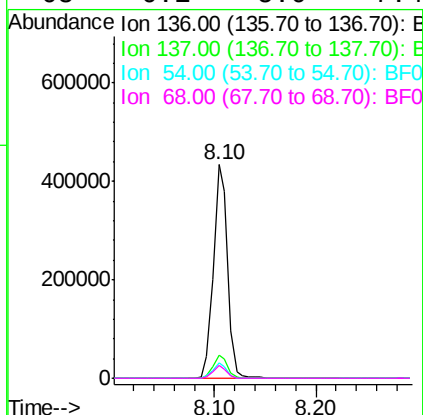
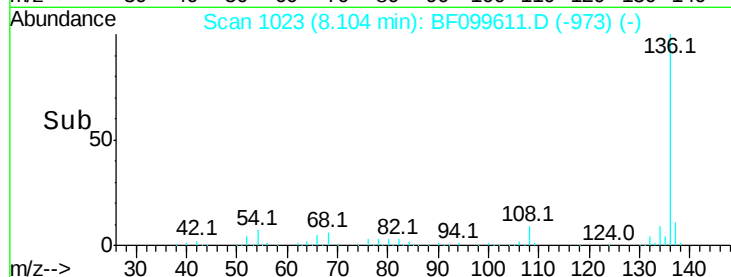
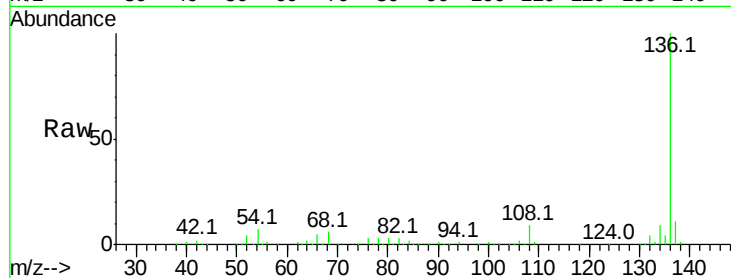




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099611.D
Acq: 18 Oct 2017 12:22

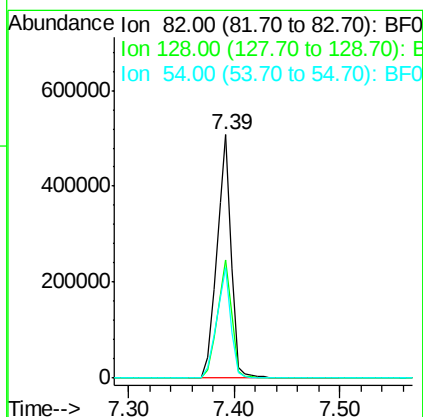
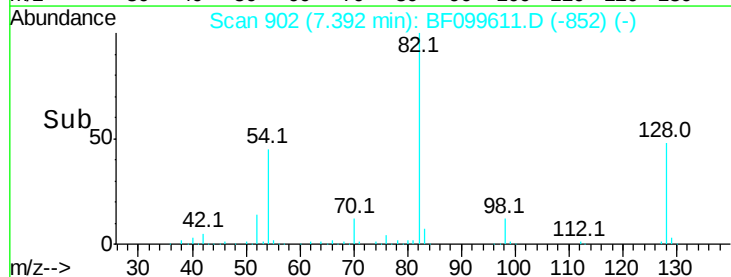
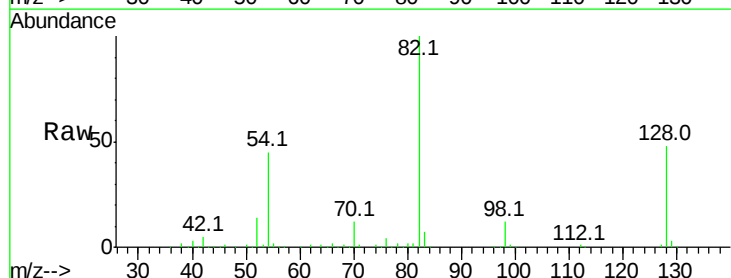
Instrument :
BNA_F
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CONCRETE-FOUNDATION-COMP

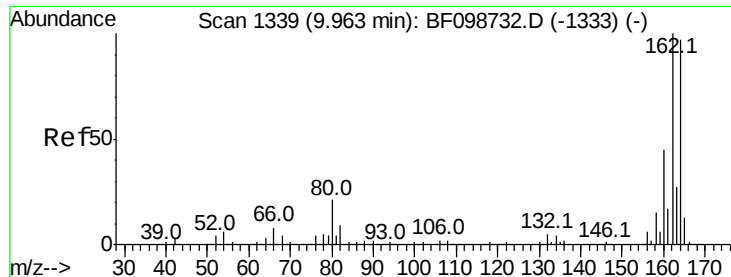
Tot Ion:	136	Resp:	420757
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.6	9.8
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.272 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF099611.D
Acq: 18 Oct 2017 12:22

Tgt Ion:	82	Resp:	487298
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	45.2	41.4	62.2

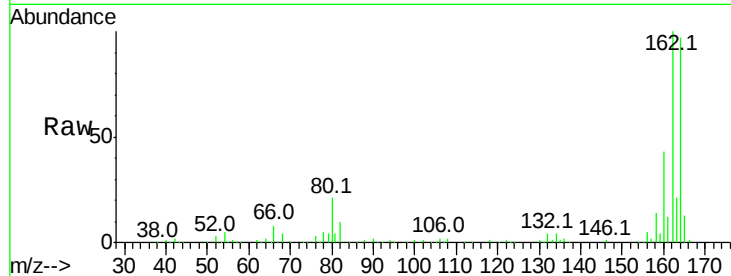




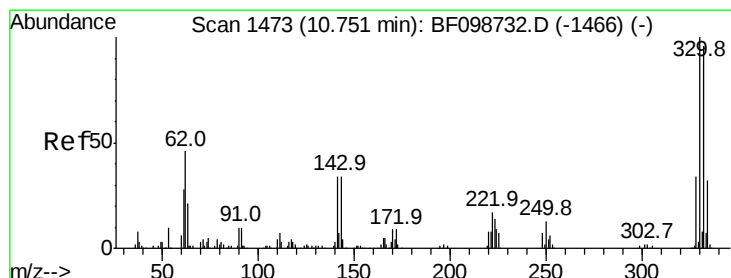
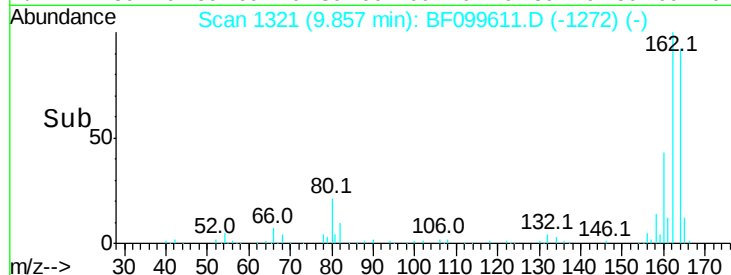
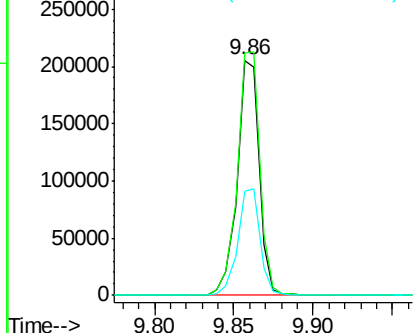
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF099611.D
Acq: 18 Oct 2017 12:22

Instrument :
BNA_F
ClientSampleId :
CONCRETE-FOUNDATION-COMP

Tot Ion:164 Resp: 197518
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 44.3 38.3 57.5

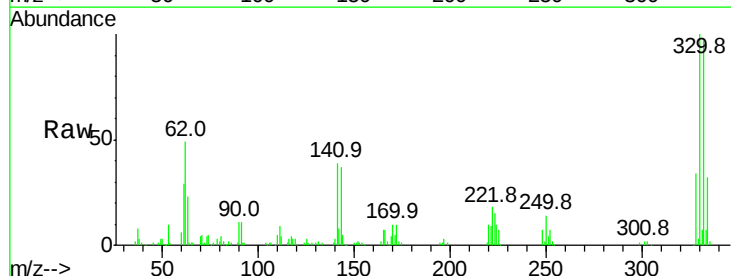


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

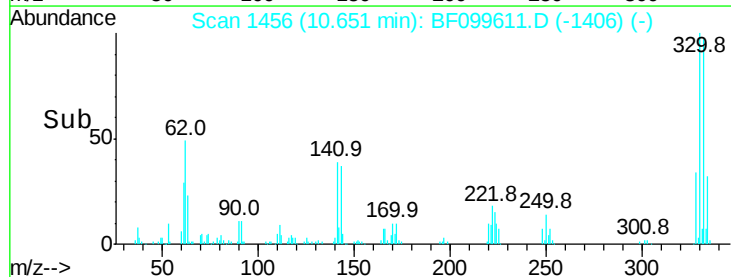
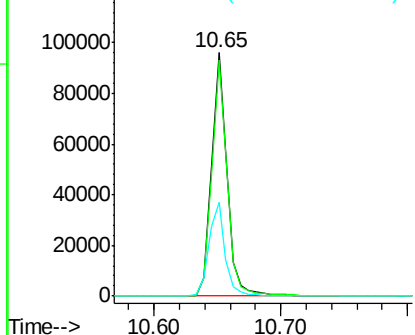


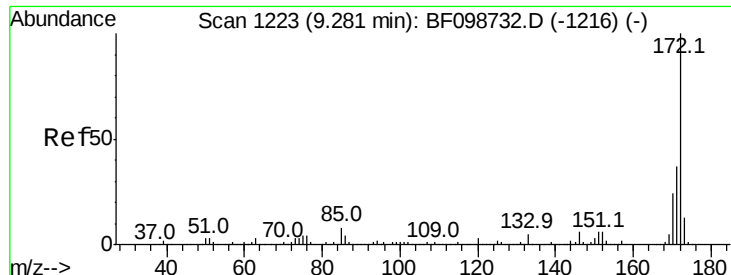
#41
2,4,6-Tribromophenol
Concen: 52.001 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF099611.D
Acq: 18 Oct 2017 12:22

Tgt Ion:330 Resp: 84046
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 39.3 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

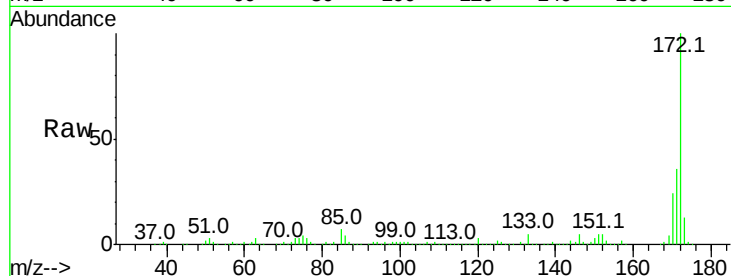




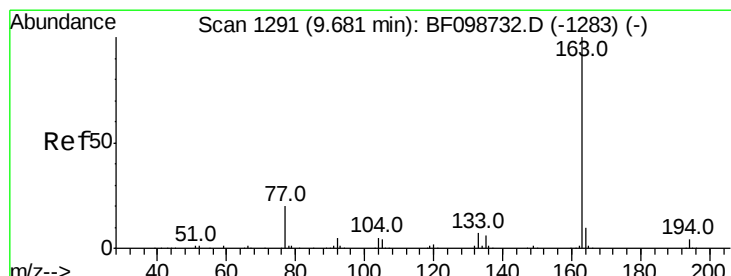
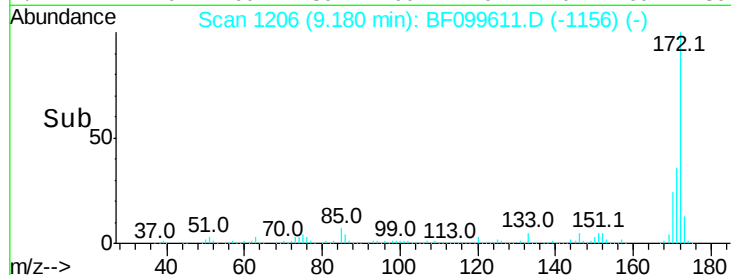
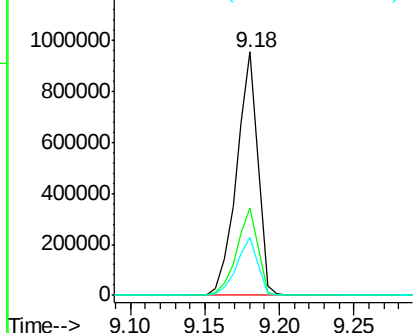
#44
2-Fluorobiphenyl
Concen: 80.308 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF099611.D
Acq: 18 Oct 2017 12:22

Instrument :
BNA_F
ClientSampleId :
CONCRETE-FOUNDATION-COMP

Tot Ion:172 Resp: 950170
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.8 19.6 29.4

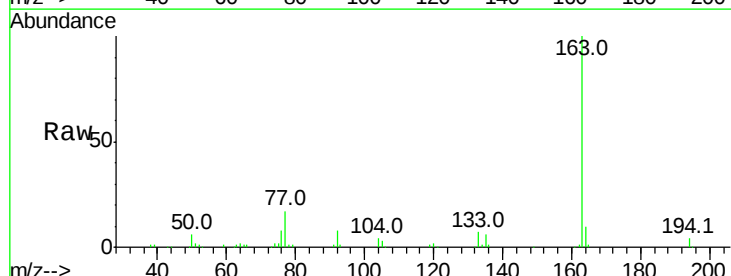


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

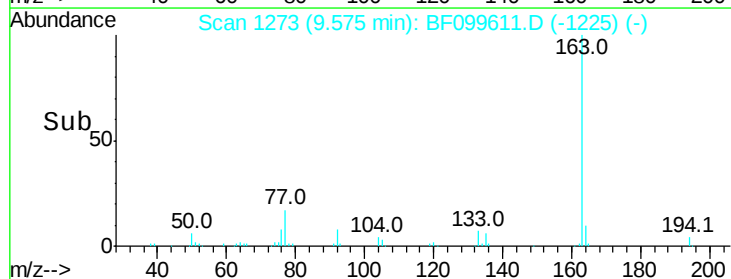
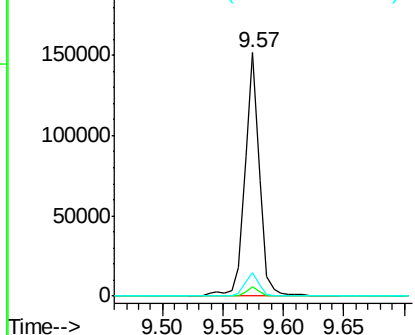


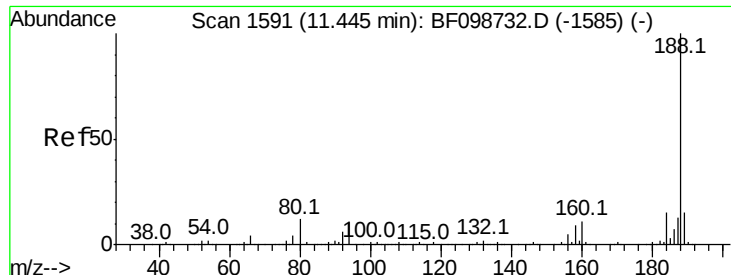
#49
Dimethylphthalate
Concen: 8.558 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF099611.D
Acq: 18 Oct 2017 12:22

Tgt Ion:163 Resp: 127576
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF099611.D

Acq: 18 Oct 2017 12:22

Instrument :

BNA_F

ClientSampleId :

CONCRETE-FOUNDATION-COMP

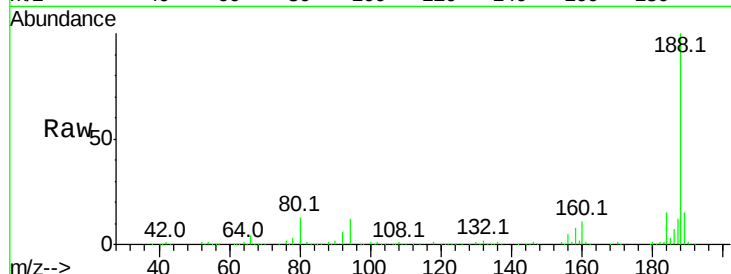
Tot Ion:188 Resp: 362331

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

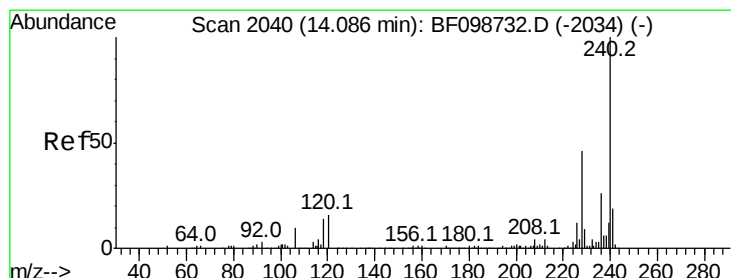
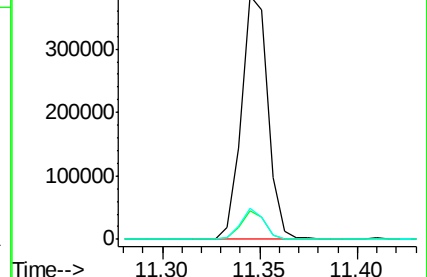
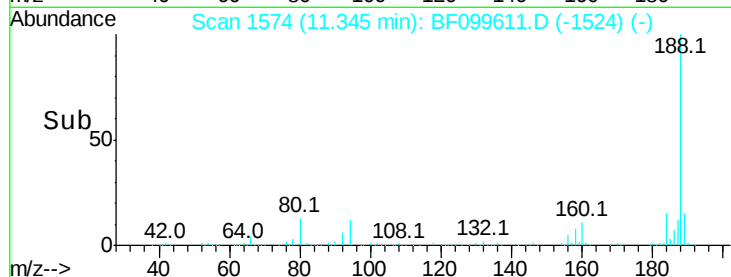
80 12.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099611.D

Acq: 18 Oct 2017 12:22

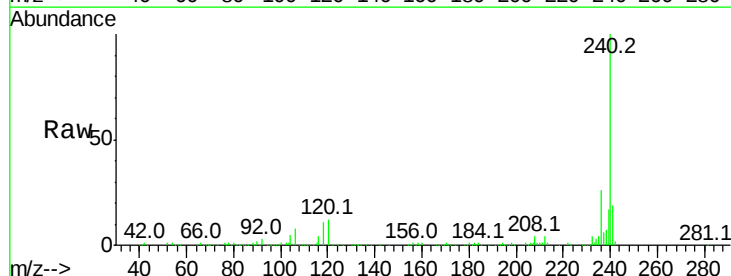
Tgt Ion:240 Resp: 291907

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

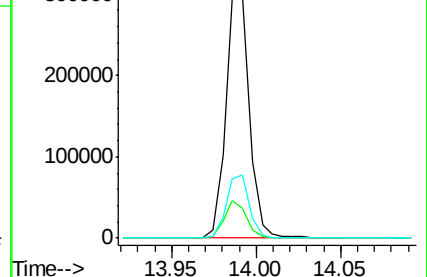
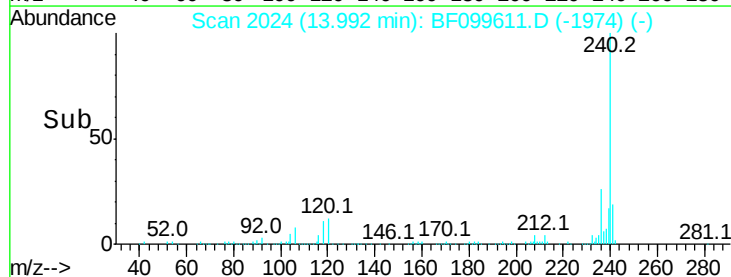
236 25.8 20.7 31.1

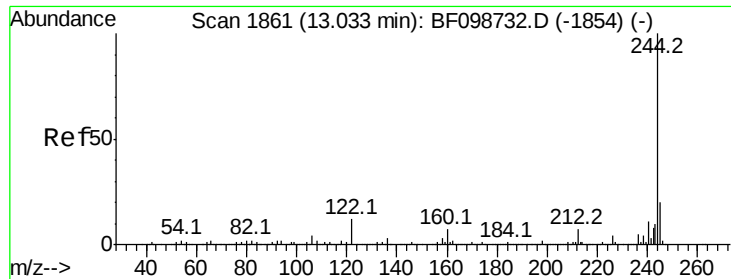


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

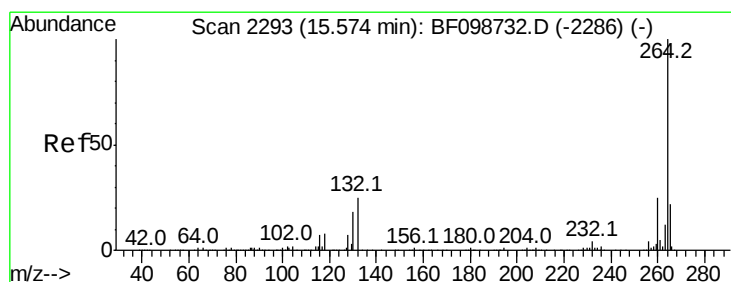
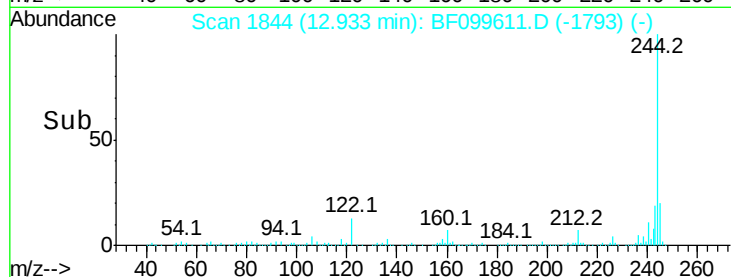
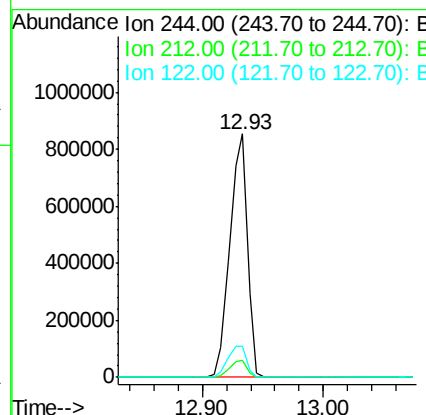
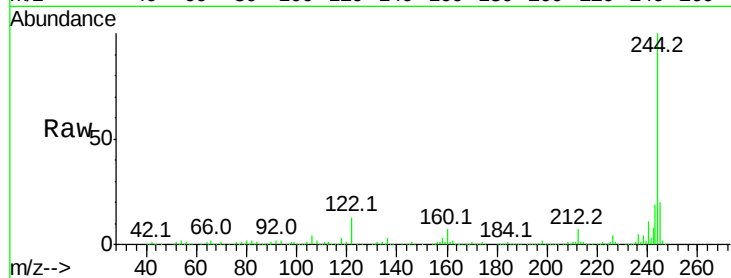




#78
 Terphenyl-d14
 Concen: 67.039 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099611.D
 Acq: 18 Oct 2017 12:22

Instrument :
 BNA_F
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 CONCRETE-FOUNDATION-COMP

Tot Ion:244 Resp: 860480
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF099611.D
 Acq: 18 Oct 2017 12:22

Tgt Ion:264 Resp: 216504
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.7 17.5 26.3

